

ABSTRACT OF THE DISCLOSURE

A spacer 2 is provided between an inner core 62 and a resolver rotor 63, which are respectively attached to a rotary shaft 68. A cutout groove 42 is formed at a flange 41 of the inner core 62. A fixing groove 3 and the cutout groove 42 are aligned in the rotary shaft 68 direction. The rotary transformer output winding 65 and resolver excitation windings 64 are soldered and electrically connected by a crossover 60. The crossover 60 is covered with an insulating tube 6. The crossover 60 is fitted into the fixing groove 3. The fixing groove 3 and an inter-magnet space 631 are misaligned in the circumferential direction of the rotor 63. Thus, a frictional force is applied between the insulating tube 6 and the fixing groove 3, which secures the crossover 60 and prevents the crossover 60 from escaping from the fixing groove 3.